Index to Volume XXXVII

Page citations are made to single pages; these are often the beginning of a chapter, section, or running discussion dealing with a topic.

Academic freedom: 299; academic due process, 300; political freedom, 301

Administrator: see School administrator Administrator behavior, situational determinants of: 423

Administrator behavior, teacher reports of: 417

Administrator effectiveness, criteria of: 420

Administrator-teacher interaction: 442

Administrators, effects of training programs on: 429

Admission and retention of teacher education students: 221

Aesthetics and criticism in art education, teaching and learning: 207

Aggression, learning of: 530; definitional problems, 530; frustration and aggression, 531; situational variables in, 533; social reinforcement and observational learning, 532

Allocation of human and material resources, strategies for: 448; educational planning, coordinated, 448; housing educational programs, 457; staffing patterns, 453; student grouping and scheduling, 449

Animal research on early experience in relation to cognitive development: 479

Anthropology and education: 82; education as a cultural process, 86; the educational institution as the object of study, 90; other anthropological studies relevant to education, 92; relationship between anthropology and education, 83

Anthropology and education, relationship between: 83; "anthropology and education" in teacher education, 84; curriculum materials for classroom use, 85

Art education: 205; art hehavior, creativity, and personality, 206; children's drawings, 209; interdisciplinary approaches, 209; perception and perceptual training, 208; teaching and learning: aesthetics and criticism, 207; teaching and learning: production, 206 Attention: see Perception and attention

Bilingualism: 195

Bureaucracy: 403; case studies in, 404; dimensional studies in, 403; direction of future research, 405

Certification of teachers: 248; criticisms of, 253; observable trends in, 256; state similarities and differences in, 248

Children's drawings: 209

Church-school relations: 39; church and state in education, 39; federal aid to education, 42; policy and practice, 40

Classroom learning, general problems in: 540

Classroom observation systems: 544; affective, 547; cognitive, 545; discovery learning, 551; methodological problems, 547; multi-aspect, 544; potential uses of, 549

Classroom research, methods and concepts in: 337; concepts used, 346; conceptual posture, 344; coverage, 337; methods of data collection, 338; unit of analysis, 341

Cognition, studies of: 476

Cognitive development, early and later measures of: 476

Cognitive development, early experience in relation to: see Early experience in relation to cognitive development

Cognitive style: 613

Collective negotiations and bargaining for teachers: see Teacher collective negotiations

Communication in educational organizations: 408

Community decision making in education: 377; conflict, 381; determinants of, 379; federal involvement, 383; power and the community, 377; school boards, 382

Comparative education: see International and comparative education

Comparative education, area studies in: 62; Africa, 62; Asia, 63; Communist China, 64; France, 66; Great Britain, 65; Latin America, 66; other European countries, 66; Soviet Bloc, 63; West Germany, 66; Western Europe, 65

Composition, written: see Written com-

Computer assistance for the student, modes of: 619; artistic design and composition, 622; author-controlled tutorial, 620; dialogue tutorial, 620; drill, 619; problem solving with computation and display tools, 622; retrieval and reorganization of information, 621; simulation and gaming, 621

Computer technology for teaching and research on instruction: 618; computer aids for instructional management, 626; computer-aided design of learning situations, 628; computer-based tools for author and researcher, 626; modes of computer assistance for the student, 619; strategies for computer-based learning situations, 623; trends and projected needs, 630

Computer-based learning situations, strategies for: 623; generation or assembly procedures, 625; learning situations and conditions, 623; response processing and feedback, 623, self-modifying strategies, 625; sequencing and selection

rules, 624

Computer-based tools for author and researcher; 626; computer languages for specifying interactive instruction, 626; data analysis tools and system operating characteristics, 628; on-line editing aids for composition and revision, 627

Concept learning: learner variables: 502; situation variables, 504; theoretical

views, 501

Concept learning, situation variables: 504; sequence of stimulus material, 508; transfer, 504; verbal mediation, 506

Conceptions for studies of learning in the school setting, working: 540; components, 542; conceptual frameworks, 543; kinds of relations, 543; meaning of explanation, 541

Concepts used in classroom research: 346; audience performance, 348; evaluation of, 353; externally imposed structure, 351; internal structure, 351; target performance, 349; teacher performance, 346; teacher-target interaction, 349 Conceptual frameworks for studies of learning in the school setting: 553; basic learning, 553; expanded systems, 554; expanded teaching-learning, 553; restricted systems, 554; restricted teaching, 553

Conceptual posture in classroom research;

Content analysis of literature in the elementary and secondary schools: 183

Content areas, reading in: 137 Creativity, personality, and art behavior:

Curriculum development: literature in the elementary and secondary schools: 183

Data collection in classroom research, methods of: 338; behavioral recording, 340; nonparticipant observation, 338; observer rating, 339

Decision making: 409; affect and structure, 410; organizational modes, 410

Delegation in teacher employment practices: 276

Descriptive studies of early experience in relation to cognitive development: 480; longitudinal studies, 480; parent-child interaction and early milieu, 481; perinatal status and subsequent intellective functioning, 480; social class influences and cross-cultural studies, 482

Developmental psycholinguistics, empirical findings in: 111

Dewey, John: 13

Early experience, dimensions of: 478; critical periods, 478; duration and intensity of the experience, 478; nature of the experience, 478

Early experience in relation to cognitive development: 475; animal research on, 479; descriptive studies, 480; dimensions of early experience, 478; early and later measures of cognitive development, 476; experimental and intervention studies, 485; intellectual domains and genetic components, 477; studies of cognition, 476

Early reading and readiness: 125

Economics and education: 96; adequacy of revenue sources, 99; educational planning, 97; efficiency considerations, 98; measurement of economic benefits, 96 Economic growth, contributions of education to: 390

Economic returns of education: 388

Economic status of teachers: 312; nonsalary economic benefits, 316; teacher dissatisfaction and collective action, 317; teacher salaries, 312

Economics of education: 387; analysis of educational expenditures, 393; contributions of education to economic growth, 390; economic returns of education, 388; educational finance, 393; educational planning, 391; investment in human capital, 389

Education: anthropology and, 82; economics and, 96; history of, 21; international and comparative, 57; morals and, 15; philosophy of, 5; professional organizations and, 50; social policy and, 34; sociology of, 74; value and, 14

Education as a cultural process: 86; acculturation, 86; enculturation, 89

Educational expenditures, analysis of: 393 Educational finance: 393

Educational institution as the object of study: 90

Educational planning: 391; coordinated, 448

Educational programs, housing of: 457; changing schoolhouse, 458; financing school construction, 462; schoolhouse planning and building, 460; schoolhousing needs, 458

Elementary school literature: see Literature in the elementary and secondary schools

Elementary school reading: see Reading in the elementary school

Employment practices and working conditions of teachers: 272; collective negotiations, shift to, 274; delegation, issue of, 276; personnel practices, common problems of, 272

Evaluating composition: 160

Evaluating foreign language learning: 194; achievement testing, 194; student characteristics, 194

Existentialism and education: 7

Experimental and intervention studies of early experience in relation to cognitive development: 485; dimensions of intervention studies, 485; long-term studies with multiple processes, 487; short-term studies with few processes, 486

Federal aid to education: 42

Fiction, preferences of elementary and secondary school students in: 181

Foreign language learning and instruction: 186; bilingualism, 195; broad comparisons, 187; evaluation, 194; foreign languages in the elementary school (FLES), 190; grammar, 190; listening and speaking, 187; programed instruction, 191; psychology, 186; reading and writing, 189; research sources, 186; teacher training, 195; technological media, 192; visual-auditory relationships, 188; vocabulary, 190 Form discrimination and recognition; 602

Genetic components and intellectual domains: 477

Grammar and composition: 164

Growth and development in relation to motor skill learning: 592; lateral dominance, 593; sex and age differences, 592

Handwriting and spelling: 168; handwriting, 169; spelling, 171

History of education: 21; colonial and nineteenth-century views, 24; divergent methods and convergent premises, 22; higher education, 27; historiography of American education, 23; motive as historical problem, 25; Progressive era, 25; religion and science, 28; textbooks, 29; truths of history, 21

Human capital, investment in: 389

Imitation: see Social learning and imitation

In-service education: 240

In-service programs and evaluation: elementary school reading: 128

Instructional management, computer aids for: 626

Integration and segregation in education: 34; de facto segregation, 37; de jure segregation, 37; minority culture and the schools, 35; policy and strategy for integration, 38; U.S. Office of Education Survey, 34

Intellectual domains and genetic components: 477 Intelligence, listening and: 155

Interdisciplinary approaches to art education: 209

Interests, tastes, and attitudes of secondary school readers, development of: 142

Interests and tastes of elementary school readers: 128

International and comparative education: 57; area studies, 62; collection of papers, 61; general works and textbooks, 60; history, 58; reference works, 60; special topics and general comparisons, 67; theory and methodology, 59; yearbooks, 61

Knowledge of results in motor skill learning: 585

Language acquisition, learning and nativistic theories of: 109

Language behavior, language theory and: 113

Language, psychology of: 109; empirical findings in developmental psycholinguistics, 111; language theory and language behavior, 113; learning and nativistic theories of language acquisition, 109; psychology of language and school learning, 115

Language theory and language behavior: 113

Leadership, redefinitions of: 421

Learning, concept, 501; foreign language, 186; of aggression, 530; motor skill, 583; observational, 524; perceptual, 599; social, 514; studies of in the school setting, 539; verbal, 494

Learning and nativistic theories of language acquisition: 109

Learning situations, computer-aided design of: 628; computer assistance with a first draft, 629; semiautomated generation of materials, 629

Legal aspects of teacher employment: 302; leave provisions, 306; racial discrimination, 302; retirement, 306; seniority in public education, 302; tenure and dismissal, 303

Legal status of teacher personnel: 296; academic freedom, 299; collective negotiations and bargaining, 296; legal aspects of employment, 302; loyalty oaths, 301; teacher liability, 306 Libraries, reading habits of elementary and secondary school students and: 182 Linguistic analysis in education: 8

Listening: 152; factors affecting the teaching of listening, 153; listening and reading, 154; measures of listening ability, 156; other correlational studies, 155; teaching listening, 152

Literature in the elementary and secondary schools: 178; content analysis, 183; current practices, 181; curriculum development, 183; preferences in fiction and poetry, 181; reading habits and libraries, 182; responses to literature, 178; teaching, 180; test construction, 181

Mann, Horace: 25

Measurement in art education: 205 Measures of listening ability: 156

Mental practice in motor skill learning: 591

Methodological developments in administrator research, other: 429

Methodology for studies of learning in the school setting: 555; conceptual and intentional relations: conceptual analysis, 556; conceptual relations: philosophy of language, 556; intentional relations: philosophical psychology, 557

Methods of elementary school reading instruction: 121

Methods of teaching written composition:

Motivation in human learning: 563; environmental influences on, 571; intrinsic influences on, 563

Motivation, environmental influences on: 571; effect of social reinforcers on learning, 572; social-cultural factors, 574

Motivation, intrinsic influences on: 563; anxiety, 564; aspirations and expectancies, 570; motivation to achieve, 567; self-perceptions, 569

Motor skill learning: 583; growth and development in relation to, 592; knowledge of results, 585; mental practice, 591; practice schedules, 588; reaction time, 589; reinforcement, 588; tracking, 583; transfer effects, 587; typewriting, 595

Music education: 200; future research, 202; research, 201; research sources, 200

Nativistic theories of language acquisition, learning and: 109

Nonsalary economic benefits for teachers: 316

Observational learning: 524; role of reinforcement in, 527; teaching via imitation, 529; theories of, 525

Organizational change: 406

Organizational climate: 400; academic achievement and, 402; conceptual structure of, 400; organizational personality and cohesion, 401; the principal and, 402

Organizational component in education: 399; bureaucracy, 403; change, 406; climate, 400; communication, 408; decision making, 409; emergent direction in research, 411; motivation and commitment, 405

Organizational motivation and commitment: 405

Organizational research, emergent direction in: 411; integrated multilevel design, 412; organization in education, 411

Organizational research, problems of: 52; communication, 52; ethics of research, 52

Outcomes in studies of learning in the school setting: 551; attributes, 552; components, 551; conceptualization, 552

Perception and attention: 603; perceptual complexity, 604; visual scanning, 605

Perception and perceptual training: 208

Perception, social: 610

Perceptual learning: 599; boundaries of perceptual phenomena, 600; cognitive style, 613; form discrimination and recognition, 602; perception and attention, 603; problems of sense utilization, 608; reinforcement and perceptual learning, 607; social perception, 610

Perceptual phenomena, boundaries of:

Personality: art behavior, creativity, and: 206

Philosophy of education: 5; existentialism and education, 7; history of, 16; linguistic analysis in education, 8; its nature and relation to educational science and practice, 6; normative philosophy of education, 10; philosophical psychology, 15; value and education, 14; Whitehead, Dewey, and other philosophers, 12

Poetry, preferences of elementary and secondary school students in: 181

Politics and community decision making in education: 377; community decision making, 377

Practice schedules in motor skill learning: 588

Preservice and in-service education of teachers: 233; general education, 235; in-service education, 240; professional education sequence, 236; student teaching and internships, 238; substantive knowledge, emphasis on, 236; unifying theories, 240

Production in art education, teaching and learning: 206

Professional education sequence: 236; evaluation, 238; instructional methods and media, 238

Professional organizations, research conducted by: 50; growth of organizations, 51; problems in organizational research, 52; significant trends, 50

Professional organizations, research on: 53; professional negotiations, 53

Professionalization, teacher status rise through: 290

Program description and evaluation: secondary school reading: 135

Progressive era: 25; the committees, 26; education of educators, 27; individual reformers, 26; the Negro in American education, 27

Psycholinguistics, empirical findings in developmental: 111

Public evaluation of teacher status: 281

Race as a teacher status characteristic: 287

Reaction time in motor skill learning: 589 Reading achievement in elementary school, factors in success and failure: 126

Reading achievement, factors related to: 139

Reading in content areas: 137

Reading in the elementary school: 120; bibliographies and reviews, 120; early reading and readiness, 125; factors in success and failure, 126; in-service programs and evaluation, 128; interests and tastes, 128; methods, 121; U.S.

Office of Education First Grade Studies,

Reading habits of elementary and secondary school students, and libraries: 182 Reading, listening and: 154

Reading problems: 143

Reading in the secondary school: 134; bibliographies and reviews, 134; development of interests, tastes, and attitudes, 142; factors related to reading achievement, 139; program description and evaluation, 135; reading in content areas, 137; reading problems, 143; reading skills and achievement, 139

Reading skills and achievement: 139 Reinforcement: in motor skill learning, 588; social, 514

Reinforcement and perceptual learning:

Research in music education: 201; future, 202; other sources, 201; reviews, 200; sources, 200

Research on social learning, new directions in: 534

Research on teaching, models of the domain of: 361

Responses to literature: 178

School administrator: 417: behavior, situational determinants of, 423; behavior, teacher reports of, 417; effectiveness, criteria of, 420; effects of training programs on, 429; leadership, redefinitions of, 421; other methodological developments in research, 429; superteacher model for, 424; upward mobility, correlates of, 422

School learning, psychology of language and: 115

Secondary school literature: see Literature in the elementary and secondary schools

Secondary school reading: see Reading in the secondary school

Segregation in education: see Integration and segregation in education

Sense utilization, problems of: 608 Social learning and imitation: 514; learning of aggression, 530; new directions in research on, 535; observational learning, 524; social reinforcement, 514

Social policy and education: 34; churchschool relations, 39; federal aid to education, 42; integration and segregation in education, 34; international education, 44; society and education, 44

Social reinforcement: 514; aversive effects of, 518: effects of social isolation on social reinforcer effectiveness, 514; learning patterns of self-reinforcement, 520; parents and peers as social reinforcing agents, 519; social punishment, 522

Society and education: 44; restrictions of freedom, 45; teacher image: role and status, 44

Sociology of education: 74; impact of outside variables, 78; social systems aspects, 75

Speaking, listening and: 187

Spelling: see Handwriting and spelling Stimuli for writing: 162

Staff utilization: 323; development of theory, 333; innovations in patterns of, 325; studies of the teacher role, 332

Staffing patterns: 453; nonteaching personnel, 455; supplementary technology, 456; team teaching, 454

Status of teachers: 280; in the slum school, 289; public evaluation of, 281; race as status characteristic, 287; status origin of teachers, 285; status rise through professionalization, 290; teacher career satisfaction, 284

Status origin of teachers: 285

Student grouping and scheduling: 449; criteria for grouping, 451; flexible scheduling, 449; nongraded schools, 450; school and class size, 452

Student teaching and internships: 238 Students, admission and retention of: 221; current practices, 221; individual and institutional decisions, 222; measurement concerns, 225; predictive factors, 223

Students, characteristics of: 225; academic characteristics, 225; psycho-

metric characteristics, 226

Studies of learning in the school setting: 539; classroom observation systems, 544; conceptual frameworks, 553; general problems in classroom learning, 540; methodology, 555; outcomes, 551; recommendations, 558; working conceptions, 540

Substantive knowledge in teacher education, emphasis on: 236

Superteacher model for administrators:

Supply and demand of teachers: see Teacher supply and demand

Teacher career satisfaction: 284

Teacher characteristics and careers: 433; administrator-teacher interaction, 442; beginning teachers, 439; employment and turnover, 441; personality characteristics of, 436; teacher effectiveness, 433; teacher perceptions of children, 440

Teacher certification: see Certification of teachers

Teacher certification, criticisms of: 253; Conant Reports, 253; Fisher Act in California, 255

Teacher certification, state similarities and differences in: 248; advisory certification bodies, 251; certification authority, 251; number, types, and accreditation of teacher education institutions, 252; reciprocity in certification, 250; use of examinations, 252

Teacher collective negotiations: 296; and bargaining, 296

Teacher effectiveness: 433; attitude toward teaching, 434; predicting teaching success, 435; ratings, 433; rigidityflexibility, 436; special teachers, 436

Teacher dissatisfaction and collective action: 317; factors in teacher unrest, 317; teacher organizations, 318

Teacher education: see Preservice and inservice education of teachers

Teacher education, general: 235

Teacher education, student personnel research in: 219; admission and retention, 221; characteristics of students, 225; framework for, 220; recruitment, 221

Teacher education students: characteristics of, 225; recruitment of, 221

Teacher liability: 306; responsibility in corporal punishment, 308

Teacher personnel practices, common problems of: 272

Teacher role, studies of: 332

Teacher salaries: 312; discriminatory employment practices, 314; general studies on, 315; merit rating, 314; teacher turnover, 312

Teacher staff utilization patterns, innovations in: 325; computer-assisted instruction, 332; man-machine systems, 329; team teaching, 325

Teacher supply and demand: 260; background data, 260; factors affecting, 261; needed research in, 268; recent innovations and proposals, 267; sources of, 261

Teacher supply and demand, factors affecting: 261; salaries and working conditions, 264; subject areas and grade levels, 265; teacher education graduates, 262; teacher withdrawals, 263

Teacher training for foreign language instruction: 195

Teacher's attitude: 163

Teachers, personality characteristics of: 436; motives for teaching, 438; teacher images, 437

Teaching, proposed revolution in: 358; describing versus improving in research on teaching, 359; two convergences on conceptions of teaching, 360

Teaching, relation of theories of learning to theories of: 363

Teaching, research on: 358; models of the domain, 361; need for synthesis, 366; proposed revolution in teaching, 358; relation of theories of teaching to theories of learning, 363; views on promising directions, 367

Teaching listening: 152; factors affecting, 153

Teaching literature in elementary and secondary schools: 180; current practices, 181

Teaching methods, written composition:

Team teaching: see Teacher staff utilization patterns

Test construction: literature in the elementary and secondary schools: 181

Tracking as a laboratory paradigm for the study of motor skill learning: 583

Transfer effects in motor skill learning: 587

Typewriting as a motor skill: 595

U.S. Office of Education First Grade Studies: 123

Unit of analysis in classroom research: 341; analytic units, 342; arbitrary unit of time, 341; phenomenal units, 343; selected, naturally occurring units, 342

Upward mobility, correlates of: 422

Value and education: 14; general discussion of, 14

Verbal and concept learning: 494; learner variables in concept learning, 502; in verbal learning, 494; situation variables in concept learning, 504; in verbal learning, 497; theoretical views of concept learning, 501

Verbal learning: learner variables, 494; situation variables, 497

Verbal learning: situation variables: 497; response factors, 498; sequence of learning material, 500; stimulus control, 497

Whitehead, Alfred North: 12

Written composition: 159; evaluating composition, 160; grammar and composition, 164; stimuli for writing, 162; teacher's attitude, 163; teaching methods, 161

